

# EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 2003172422  
PUBLICATION DATE : 20-06-03

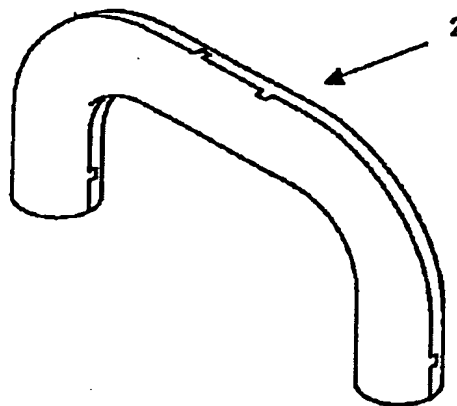
APPLICATION DATE : 29-11-01  
APPLICATION NUMBER : 2001365322

APPLICANT : SHANGYIN SCI & TECHNOL CO LTD;

INVENTOR : YO SOHO;

INT.CL. : F16H 25/22

TITLE : BALL CIRCULATION PIPE LINE FOR  
BALL SCREW UNIT



**ABSTRACT :** PROBLEM TO BE SOLVED: To provide a ball circulation pipe line for a ball screw unit, mechanically toughened, simply manufactured and reduced in production cost.

**SOLUTION:** Both first and second arcuate pipe halves which are symmetrically and integrally formed on a plane on the bearing side of the ball screw unit are fitted together by using pluralities of flanges and recessed grooves which are alternately formed in line along the vertical axes of their pipe walls to complete one U-shaped ball circulation circuit. A tough metal material is used for the circulation circuit and a fitting portion is reinforced by welding.

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